

<b>Examiner-Initiated Interview Summary</b>	<b>Application No.</b> 10/756,172	<b>Applicant(s)</b> THIERET ET AL.	
	<b>Examiner</b> Manav Seth	<b>Art Unit</b> 2625	

**All Participants:**
**Status of Application:** Allowance

 (1) Manav Seth.

(3) \_\_\_\_\_.

 (2) Jeffrey Duquette.

(4) \_\_\_\_\_.

**Date of Interview:** 26 October 2005
**Time:** 12:00pm
**Type of Interview:**

- ☒ Telephonic  
☐ Video Conference  
☐ Personal (Copy given to: ☐ Applicant ☐ Applicant's representative)

 Exhibit Shown or Demonstrated: ☐ Yes ☐ No

If Yes, provide a brief description:

**Part I.**

Rejection(s) discussed:

Claims discussed:

1,7,25

Prior art documents discussed:

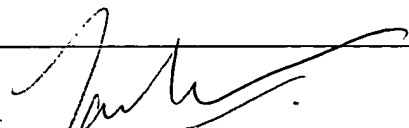
**Part II.**

SUBSTANCE OF INTERVIEW DESCRIBING THE GENERAL NATURE OF WHAT WAS DISCUSSED:

See Continuation Sheet

**Part III.**

- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview directly resulted in the allowance of the application. The examiner will provide a written summary of the substance of the interview in the Notice of Allowability.
- ☐ It is not necessary for applicant to provide a separate record of the substance of the interview, since the interview did not result in resolution of all issues. A brief summary by the examiner appears in Part II above.

  
 (Examiner/SPE Signature)

(Applicant/Applicant's Representative Signature – if appropriate)

Continuation of Substance of Interview including description of the general nature of what was discussed:

Authorization for this examiner's amendment was given in a telephone interview with applicant's attorney of record, Mr. Jeffrey Duquette, Registration no. 45487, on 10/26/2005, at 12:00 p.m., Examiner's amendment in the claims:

#### Claims

5. The following changes to the claims have been approved by the examiner and agreed upon by applicant:

(a) Replace Claim 1 limitation " i) warping the first 2D representation to generate a second 2D representation, the warping step including applying to the first 2D representation a selected linear mapping, where that selected linear mapping would map, in order to match dimensions of the respective slice within the 3D representation, a region defined by projection, at the respective focus, of corners of that slice onto the detector plane," recited in lines 13-18 of page 2 of the amendment filed, by, -- i) warping the first 2D representation to generate a second 2D representation, wherein the first 2D representation is formed from intensity differences between the said measured projection images and a projection of an estimate of the volume, the warping step including applying to the first 2D representation a selected linear mapping, where that selected linear mapping would map, in order to match dimensions of the respective slice within the 3D representation, a region defined by projection, at the respective focus, of corners of that slice onto the detector plane, --.

(b) Replace Claim 7 limitation " i) warping the respective slice of the first 3D representation to generate a respective slice of second 3D representation, the warping step including applying to the respective slice of the first 3D representation a selected linear mapping, where that selected linear mapping would map a region defined by projection of corners of the respective projection image onto the respective slice for the respective focus to match dimensions of the projection image in the detector plane," recited in lines 7-12 of page 4 of the amendment filed, by, -- i) warping the respective slice of the first 3D representation to generate a respective slice of second 3D representation, wherein the first 3D representation is formed from intensity differences between the said measured projection images and a projection of an estimate of the volume, the warping step including applying to the respective slice of the first 3D representation a selected linear mapping, where that selected linear mapping would map a region defined by projection of corners of the respective projection image onto the respective slice for the respective focus to match dimensions of the projection image in the detector plane, --.

(c) Cancel Claim 25..